Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 28 Feb 2022 until 23:59 on Tuesday 01 Mar 2022

Forecast Issued on Sunday 27 Feb 2022 at 13:38

Confidence: Medium confidence for conditions on Monday due to exact position of frontal rain but likely to be a very wet and windy afternoon. High confidence for more settled conditions with high pressure building for most of the week although another front looks likely to cross the area on Thursday.

Headline for Monday 28 Feb 2022: A dull start and becoming wet and windy with persistent rain.

Mountain weather hazards on Monday 28 Feb 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Dull	Dull	Light rain	Heavy Rain	Heavy Rain	Light rain
Precipitation probability							
10%	10%	20%	30%	50%	80%	80%	20%

Forecast for Monday 28 Feb 2022

Weather: Cloudy to start but mainly dry overnight. Remaining cloudy in the morning with some light and patchy rain at times especially in the west towards Glossop. A band of rain looks set to spread southeast in the afternoon across the Peak District and intensify at times in the west giving periods of heavy rain throughout the afternoon. Rainfall accumulations expected to fill watercourses and make the ground very soggy, especially in west. Rain likely to clear south later in the evening. Freezing level will be above all the summits but there may be sleet on Kinder Scout by the evening.

Chance of cloud-free hill tops above 600m: 60% in the morning falling to 20% for the afternoon with extensive low cloud forming associated with the area of rainfall.

Low cloud and visibility: Widespread extensive low cloud is expected with the lowest cloud bases likely around western Peak District towards Glossop and the best chance of some brightness and sight of any hilltops likely towards Bradfield. Overcast cloud with bases 4-500ft is likely, perhaps more broken 5-600ft in the northeast towards Meltham. Visibility below the cloud in rain and drizzle is likely to be poor, perhaps moderating at times in the north.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Monday 28 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/37 S	24/34 S	22/32 S	21/31 S	23/34 S	22/31 S	16/25 W	12/18 NW	11/18 NW
300	18/29 S	16/26 S	17/26 S	17/26 S	18/28 S	15/25 S	14/23 W	9/15 NW	8/14 NW
Valley	9/24 S	8/23 S	8/22 S	10/23 S	12/26 S	10/23 S	12/23 W	6/15 NW	5/13 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	4/-2	4/-2	4/-1	6/0	6/1	4/-1	2/-2	2/-3
300	4/-1	5/1	6/2	6/2	8/4	8/4	6/2	5/1	4/1
Valley	4/1	5/2	6/3	7/4	8/5	8/5	6/3	5/3	4/2
Freezing Level*	1400m	1100m	1700m	1900m	1900m	1600m	1200m	1000m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Potentially a very wet afternoon with some localised flooding and swelling of watercourses around the area. Freezing level will be above the summits. A very windy day with gales at times on the summits, winds veering and easing later in the day with a fresher feel in the evening as cloud clears.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 27 Feb 2022	0.4mm	3.2mm	11.4mm

Forecast for Tuesday 01 Mar 2022

Weather: A sharp frost overnight and clear spells before dawn, leading into a dry and bright day with some sunny spells and light winds.

Maximum wind: Northerly or northeasterly 10-15 mph

Chance of cloud-free hill tops above 600m: 95%, perhaps some early patches of low cloud but otherwise very little low cloud.

Low cloud and visibility: Perhaps some patches of cloud near the summits in the morning but otherwise excellent visibility likely.

Temperature: **Valleys:** Minus 1 rising to 7 Celsius.
At 600m: Minus 1 rising to plus 4 Celsius.
Freezing level: 6-800m

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